



**PATENT**  
**MAIL STOP SEQUENCE**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

*In re* Application of )  
Boyle et al.. ) Group Art Unit: 1653  
Serial No. 10/665,361 ) Examiner: unassigned  
Filed: September 22, 2003 ) Atty. Dkt. No. 6794A-000009/US/CPA

For: PROCESS FOR DECREASING AGGREGATE LEVELS OF PEGYLATED PROTEIN

**TRANSMITTAL OF COMPUTER READABLE FORM OF SEQUENCE LISTING and**  
**STATEMENT UNDER 37 C.F.R. § 1.821(f)**

MAIL STOP SEQUENCE  
Commissioner of Patents  
P.O. Box 1450  
Arlington, VA 22313-1450

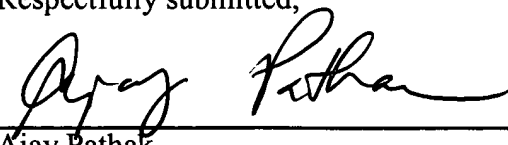
MAIL STOP SEQUENCE

Sir:

Applicants herewith submit a computer readable form a paper copy of the Sequence Listing included in the application referenced above. The Sequence Listing in computer readable form is enclosed on the attached diskette. The undersigned states his belief that the information recorded in computer readable form is identical to the written (on paper) Sequence Listing. No new matter is introduced.

Respectfully submitted,

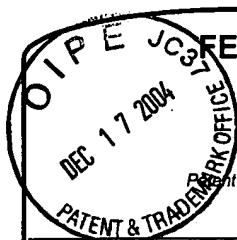
Date: December 17, 2004

By:   
Ajay Pathak  
Registration No. 38,266

Harness, Dickey & Pierce, P.L.C.  
P.O. Box 8910  
Reston, Virginia 20195  
(703) 668-8000

Enclosures: Computer Readable Form (diskette with Sequence Listing)  
Paper Copy of Sequence Listing

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



# **FEE TRANSMITTAL for FY 2004**

Patent fees are subject to annual revision.

## **Complete If Known**

|                     |                               |
|---------------------|-------------------------------|
| Application Number  | 1/665,361                     |
| Filing Date         | September 22, 2003            |
| Inventor(s)         | Denis M. BOYLE et al.         |
| Examiner Name       | Unknown                       |
| Group Art Unit      | 1653                          |
| Attorney Docket No. | 6794A-000009/US/CPA (1165/US) |

**TOTAL AMOUNT OF PAYMENT** (\$) 1,040.00

**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number

08-0750

Deposit Account Name

Harness, Dickey &amp; Pierce, P.L.C.

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

**FEE CALCULATION**
**1. BASIC FILING FEE**

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description        | Fee Paid |
|----------------|-----------------|----------------|-----------------|------------------------|----------|
| 1001           | 790             | 2001           | 395             | Utility filing fee     | 790      |
| 1002           | 350             | 2002           | 175             | Design filing fee      |          |
| 1003           | 550             | 2003           | 275             | Plant filing fee       |          |
| 1004           | 790             | 2004           | 395             | Reissue filing fee     |          |
| 1005           | 160             | 2005           | 80              | Provisional filing fee |          |

**SUBTOTAL (1)**
**(\$ 790)**
**2. EXTRA CLAIM FEES**

| Total Claims | Independent Claims | Multiple Dependent | Extra Claims | Fee from below | Fee Paid |
|--------------|--------------------|--------------------|--------------|----------------|----------|
| 20           | 1                  |                    | -20 ** = 0   | 0              |          |
|              |                    |                    | -3 ** =      |                |          |
|              |                    |                    |              |                |          |

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description                                            |
|----------------|-----------------|----------------|-----------------|------------------------------------------------------------|
| 1202           | 18              | 2202           | 9               | Claims in excess of 20                                     |
| 1201           | 88              | 2201           | 44              | Independent claims in excess of 3                          |
| 1203           | 300             | 2203           | 150             | Multiple dependent claim, if not paid                      |
| 1204           | 88              | 2204           | 44              | ** Reissue independent claims over original patent         |
| 1205           | 18              | 2205           | 9               | ** Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2)**
**(\$ 0)**

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)**

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description                                                            | Fee Paid |
|----------------|-----------------|----------------|-----------------|----------------------------------------------------------------------------|----------|
| 1051           | 130             | 2051           | 65              | Surcharge - late filing fee or oath                                        | 130      |
| 1052           | 50              | 2052           | 25              | Surcharge - late provisional filing fee or cover sheet.                    |          |
| 1053           | 1053            | 1053           | 130             | Non-English specification                                                  |          |
| 1812           | 2,520           | 1812           | 2,520           | For filing a request for reexamination                                     |          |
| 1804           | 920*            | 1804           | 920*            | Requesting publication of SIR prior to Examiner action                     |          |
| 1805           | 1,840*          | 1805           | 1,840*          | Requesting publication of SIR after Examiner action                        |          |
| 1251           | 110             | 2251           | 55              | Extension for reply within first month                                     | 120      |
| 1252           | 430             | 2252           | 215             | Extension for reply within second month                                    |          |
| 1253           | 980             | 2253           | 490             | Extension for reply within third month                                     |          |
| 1254           | 1,530           | 2254           | 765             | Extension for reply within fourth month                                    |          |
| 1255           | 2,080           | 2255           | 1,040           | Extension for reply within fifth month                                     |          |
| 1401           | 340             | 2401           | 170             | Notice of Appeal                                                           |          |
| 1402           | 340             | 2402           | 170             | Filing a brief in support of an appeal                                     |          |
| 1403           | 300             | 2403           | 150             | Request for oral hearing                                                   |          |
| 1451           | 1,510           | 1451           | 1,510           | Petition to institute a public use proceeding                              |          |
| 1452           | 110             | 2452           | 55              | Petition to revive - unavoidable                                           |          |
| 1453           | 1,370           | 2453           | 685             | Petition to revive - unintentional                                         |          |
| 1501           | 1,370           | 2501           | 685             | Utility issue fee (or reissue)                                             |          |
| 1502           | 490             | 2502           | 245             | Design issue fee                                                           |          |
| 1503           | 660             | 2503           | 330             | Plant issue fee                                                            |          |
| 1460           | 130             | 1460           | 130             | Petitions to the Commissioner                                              |          |
| 1807           | 50              | 1807           | 50              | Processing fee under 37 CFR 1.17 (q)                                       |          |
| 1806           | 180             | 1806           | 180             | Submission of Information Disclosure Stmt                                  |          |
| 8021           | 40              | 8021           | 40              | Recording each patent assignment per property (times number of properties) |          |
| 1809           | 790             | 2809           | 395             | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 1810           | 790             | 2810           | 395             | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 1801           | 790             | 2801           | 395             | Request for Continued Examination (RCE)                                    |          |
| 1802           | 900             | 1802           | 900             | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**
**(\$250)**
**SUBMITTED BY**
**Complete (if applicable)**

|                   |                |                                  |        |           |                   |
|-------------------|----------------|----------------------------------|--------|-----------|-------------------|
| Name (Print/Type) | Ajay S. Pathak | Registration No. Attorney/Agent) | 38,266 | Telephone | 703-668-8000      |
| Signature         |                |                                  |        | Date      | December 17, 2004 |

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



MAIL STOP MISSING PARTS  
PATENT  
6794A-000009/US/CPA

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re Application of )  
Boyle et al.. ) Group Art Unit: 1653  
Serial No. 10/665,361 ) Examiner: unassigned  
Filed: September 22, 2003 ) Atty. Dkt. No. 6794A-000009/US/CPA

For: PROCESS FOR DECREASING AGGREGATE LEVELS OF PEGYLATED PROTEIN

**RESPONSE TO NOTICE TO FILE MISSING PARTS  
OF NONPROVISIONAL APPLICATION**

**MAIL STOP MISSING PARTS**

Commissioner for Patents December 17, 2004  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application (Notice) mailed September 30, 2004, please enter this paper into the file of the above-identified application.

Applicants submit herewith an Executed Declaration, a Transmittal Of Computer Readable Form Of Sequence Listing, a diskette containing the sequence listing, a paper copy of the sequence listing, a Change of Address Form, a substitute specification with the embedded graphs removed, a copy of the Notice and check no. 16284 in the amount of \$1,040.00 (\$790.00 filing fee, one-month extension of time fee (\$120.00), plus \$130.00 surcharge). No additional fees are believed to be due. However, if additional fees are required or an overpayment of fees

12/21/2004 LWONDIM1/00000005 10665361

01 FC:1001  
02 FC:1051

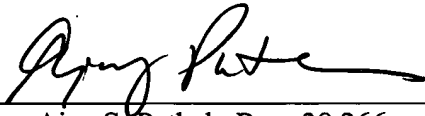
790.00 DP  
130.00 DP

12/21/2004 LWONDIM1 00000005 10665361  
03 FC:1251  
120.00 DP

made, the Commissioner is authorized to debit or credit our Deposit Account No. 08-0750, as needed.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C.

By   
Ajay S. Pathak, Reg. 38,266  
P.O. Box 8910  
Reston, VA 20195  
(703) 668-8000

AP/pw

Attachments:

Notice  
Executed Declaration (2)  
Change of Address Form  
Substitute Specification  
Transmittal Of Computer Readable Form Of Sequence Listing  
and Statement Under 37 C.F.R. §1.821(f)  
Diskette containing the Sequence Listing  
Paper copy of the Sequence Listing  
Preliminary Amendment  
Fee Transmittal  
Check No. 16284 for \$1,040.00



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

| APPLICATION NUMBER | FILING OR 371 (c) DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|------------------------|-----------------------|------------------------|
| 10/665,361         | 09/22/2003             | Denis M. Boyle        | 161765.00522           |

22907  
BANNER & WITCOFF  
1001 G STREET N W  
SUITE 1100  
WASHINGTON, DC 20001

CONFIRMATION NO. 4467

FORMALITIES LETTER



\*OC000000013956905\*

Date Mailed: 09/30/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

12/21/2004 LWONDIM1 00000005 10665361

FILED UNDER 37 CFR 1.53(b)

01 FC:1001 790.00 DP  
02 FC:1051 130.00 DP

*Filing Date Granted*

**Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The signature of the following inventor(s) is missing from the oath or declaration:  
*David E. Steinmeyer, Anurag Rathore*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- A substitute specification in compliance with 37 CFR 1.52, 1.121(b)(3), and 1.125, is required. The specification, claims, or abstract page(s) submitted is not acceptable and cannot be scanned or properly stored because:
  - The specification contains drawings or flow diagrams (37 CFR 1.58(a)) on page(s) 78,79. Drawings or flow diagrams cannot be embedded in the specification and should be submitted separately in accordance with 37 CFR 1.84. (Both a substitute specification and substitute drawings are required).
- The computer readable form that has been filed with this application has been found to be damaged and/or

unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d). Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

**For questions regarding compliance to these requirements, please contact:**

- **For Rules Interpretation, call (703) 308-4216**
- **To Purchase PatentIn Software, call (703) 306-2600**
- **For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)**

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$3570** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

**SUMMARY OF FEES DUE:**

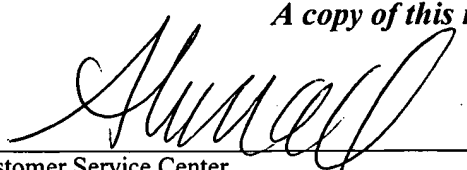
Total additional fee(s) required for this application is **\$4470** for a Large Entity

- **\$770** Statutory basic filing fee.
- **\$130** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$3570**
  - **\$258** for **3** independent claims over 3.
  - **\$3312** for **184** total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

---

***A copy of this notice MUST be returned with the reply.***

  
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE